

Converting Colors

Hex(5AE18D)

Have a look what the booklet for
Hex(5AE18D) contains.

Hex(5AE18D)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5AE18D)

Conversions

Conversions Part 1

Format	Color
Hex	5AE18D
RGB	90, 225, 141
RGB Percent	35%, 88%, 55%
CMY	0.6471, 0.1176, 0.4471
CMYK	0.60, 0.00, 0.37, 0.12
HSL	143°, 69%, 62%
HSV	143°, 60%, 88%
XYZ	35.9494, 57.9472, 34.4895
YIQ	175.0590, -53.4960, -54.7440

Conversions

Conversions Part 2

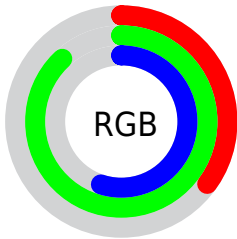
Format	Color
RYB	90, 188, 225
Decimal	5955981
CIELab	80.71, -55.26, 30.41
CIElCh	81, 63.070, 151.178
Yxy	57.9472, 0.2800, 0.4514
Android (android.graphics.Color)	4284146061 (0xFF5AE18D)
YUV	175.0590, -16.7911, -74.5967
Hunter-Lab	76.1230, -48.9181, 26.4233

Details

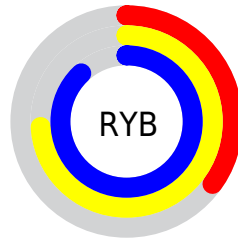
The Hex color **5AE18D** is a light color, and the websafe version is hex **33CC66**. The color can be described as light muted spring green. A complement of this color would be **E15AAE**, and the grayscale version is **AFAF AF**.

A 20% lighter version of the original color is **97FFC3**, and **00A95A** is the 20% darker color. If you saturate the color by 10%, you get **44E17F**, and if you desaturate by 10%, it is **71E19B**.

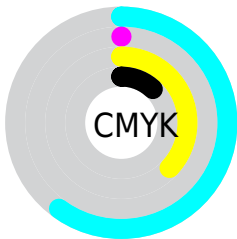
Distribution



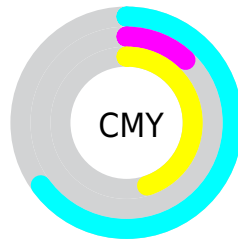
- Red (35%)
- Green (88%)
- Blue (55%)



- Red (35%)
- Yellow (74%)
- Blue (88%)



- Cyan (60%)
- Magenta (0%)
- Yellow (37%)
- Black (12%)



- Cyan (65%)
- Magenta (12%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5AE18D changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 5AE18D by changing the saturation by 10% instead.

 5AE18D

 5AE18D

FFFFFF

 38C473

 97FFC3

 00A95A

 B5FFDF

 008D41

 D3FFFC

 00732A

 F1FFFF

 005912

 004000

 002A00

 000500

 000000

 5AE18D

 5AE18D

 44E17F

 71E19B

 2DE171

 87E1A9

 17E163

 9EE1B7

 00E155

 B4E1C5

 CBE1D3

 E1E1E1

 F8E1EF

 FFE1FD

 FFE1FF

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



ABD75E



5AE18D



00E6C9

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



5AE18D



53CEFF



FF9C8F

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



5AE18D



E15AAE

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF94C8



5AE18D



CEB8FF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



5AE18D



00DDFF



FFA1FF



FFB061

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



5AE18D



00E5F1



FFA1FF



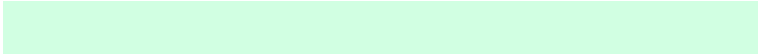
FF97A1

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



5AE18D



D1FFE2



B0E15A



63806E



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



5AE18D



47FF8D



5AE1CF



657069



00B042



003012

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E15AAE



FF47BA



E15A6C



70656C



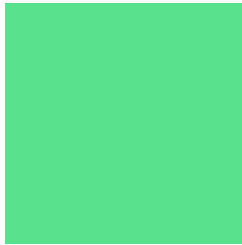
B0006D



30001E

Previews

White Background



This preview shows how the Hex color 5AE18D looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 5AE18D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

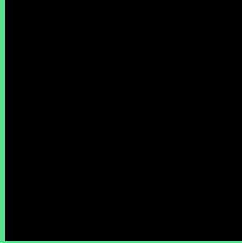
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 5AE18D Background



This preview shows how black text looks on a background with the Hex color 5AE18D.

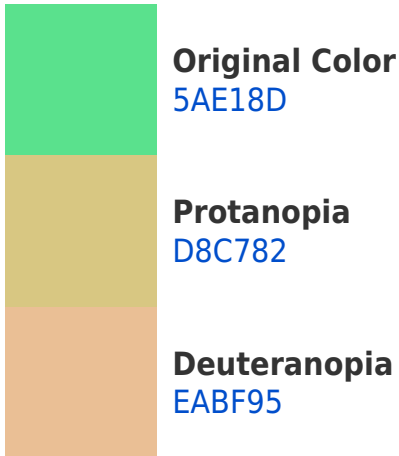


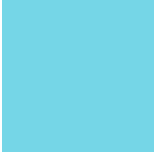
This preview shows how white text looks on a background with the Hex color 5AE18D.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
75D6E7

Trichromacy



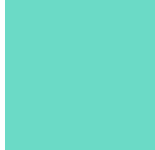
Original Color
5AE18D



Protanomaly
AAD086



Deuteranomaly
B6CB92

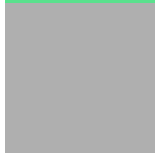


Tritanomaly
6BDAC6

Monochromacy



Original Color
5AE18D



Achromatopsia
AFAFAF



Achromatomaly
90C1A3

CSS Examples

Text

The CSS property to change the color of the text to Hex 5AE18D is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #5AE18D looks like.

```
.text, #text, p{  
    color:#5AE18D  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #5AE18D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5AE18D
}
```

Border

The CSS property to change the border of an element to Hex 5AE18D is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5AE18D }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#5AE18D }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #5AE18D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5AE18D; -webkit-box-shadow:4px 4px  
4px 4px #5AE18D; box-shadow:4px 4px 4px  
4px #5AE18D }
```

Background

The CSS property to change the background color of an element to Hex 5AE18D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5AE18D }
```

If only the background color should be changed can be used:

```
.background{ background-color:#5AE18D }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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